

APR 18 2003

TECH C



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RAW SEQUENCE LISTING

DATE: 04/11/2003

PATENT APPLICATION: US/09/977,066A

TIME: 14:32:25

Input Set : A:\seqlist2302-16095.txt

Output Set: N:\CRF4\04112003\I977066A.raw

3 <110> APPLICANT: THUDIUM, Kent
 4 SELBY, Mark
 6 <120> TITLE OF INVENTION: CYTOMEGALOVIRUS INTRON A FRAGMENTS
 8 <130> FILE REFERENCE: 2302-16095 / PP16095.002
 10 <140> CURRENT APPLICATION NUMBER: 09/977,066A
 11 <141> CURRENT FILING DATE: 2001-10-12
 13 <150> PRIOR APPLICATION NUMBER: 60/240,502
 14 <151> PRIOR FILING DATE: 2000-10-13
 16 <160> NUMBER OF SEQ ID NOS: 8
 18 <170> SOFTWARE: PatentIn Ver. 2.0
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 834
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Artificial Sequence
 25 <220> FEATURE:
 26 <223> OTHER INFORMATION: Description of Artificial Sequence: full length
 27 intron A
 29 <400> SEQUENCE: 1
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 31 ttttttggett ggggcctata caccgccgct ccttatgcta taggtgatgg tatagcttag 120
 32 cctatagggtg tgggttattg accattattg accactcccc tattgggtgac gatactttcc 180
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 41 ttggttgatt ctgataagag tcagaggtaa ctcccgttgc ggtgctgta acggtggagg 720
 42 gcagtgtagt ctgagcagta ctcgttgctg ccgcgcgcgc caccagacat aatagctgac 780
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 46 <211> LENGTH: 100
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 48 <213> ORGANISM: Artificial Sequence
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 51 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 52 oligo for substitution of nucleotides 52-740 of
 53 Intron A
 55 <400> SEQUENCE: 2
 56 atgcatctcg ttgctgccgc gcgcgccacc agacataatc gctgacacac tgacagactg 60
 57 ttcttttctt tttttttttt ttgcagtcac cgtcgtcgac 100

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61 <212> TYPE: DNA
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70 gccgcgcgcg ccaccagaca taatcgctga cacactgaca gactgttcct ttcctttttt 120
71 tttttttgca gtcaccgtcg tcgac                                     145
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80     immediate-early gene of hCMV
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85 aaatcgatat ttgaaaaatat ggcatattga aaatgtcgcc gatgtgagtt tctgtgtaac 180
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109 attattttaca aattcacata tacaacaacg ccgtcccccg tgcccgcagt ttttattaaa 1620
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111 gtagcggcgg agcttccaca tccgagccct ggtcccatgc ctccagcggc tcatggctgc 1740
112 tcggcagctc cttgtctcta acagtggagg ccagacttag gcacagcaca atgccacca 1800

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113 ccaccagtgt gccgcacaag gccgtggcgg tagggatatgt gtctgaaaat gagctcggag 1860
114 attgggctcg caccgtgacg cagatggaag acttaaggca gcggcagaag aagatgcagg 1920
115 cagctgagtt gttgtattct gataagagtc agaggtaact cccgttgccg tgctgttaac 1980
116 ggtggagggc agtgtagtct gagcagtact cgttgctgcc gcgcgcgcc ccagacataa 2040
117 tagctgacag actaacagac tgttcctttc catgggtctt ttctgcagtc accgtccttg 2100
118 acacgatgga gtcctctgcc aagagaaaaga tggacctga taatcctgac gagggccctt 2160
119 cctccaaggt                                     2170
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122 <211> LENGTH: 126
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Description of Artificial Sequence: wild type
128     rabbit beta-globin
130 <400> SEQUENCE: 5
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133 tctcag                                     126
135 <210> SEQ ID NO: 6
136 <211> LENGTH: 127
137 <212> TYPE: DNA
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141 <223> OTHER INFORMATION: Description of Artificial Sequence: optimized
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144 <400> SEQUENCE: 6
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147 tctgcag                                     127
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150 <211> LENGTH: 19
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154 <220> FEATURE:
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156     KBT-162
158 <400> SEQUENCE: 7
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162 <211> LENGTH: 20
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167 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
168     KBT-163
170 <400> SEQUENCE: 8
171 gttgagcaat tcacgttcat                                     20

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/977,066A

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